WE CLAIM:

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1. A sewing apparatus comprising:

a needle bar on which a sewing needle is mounted;

a needle bar vertically moving mechanism vertically moving the needle bar;

a thread cassette having a thread accommodating section accommodating a supply of thread;

a cassette mount to which the thread cassette is detachably 10 attached;

a threading mechanism operated in synchronization with attachment of the thread cassette to the cassette mount when the needle bar is stopped at a predetermined position, the threading mechanism passing the thread drawn from the thread cassette through an eye of the needle mounted on the needle bar; and

a threading limiting unit limiting the threading mechanism so that the threading mechanism is inoperative in a case where the thread cassette is attached to the cassette mount when the apparatus is disconnected from a power supply.

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2. A sewing apparatus according to claim 1, further comprising a needle bar rocking mechanism for rocking the needle bar and a needle bar movement controlling unit controlling the needle bar vertically moving mechanism and the needle bar rocking mechanism so that the needle bar is moved to the predetermined position in a case where the thread cassette has been detached from the cassette mount while electric power is being supplied to the apparatus.

- 3. A sewing apparatus according to claim 1, further comprising a needle bar movement controlling unit controlling the needle bar vertically moving mechanism so that the needle bar is moved to the predetermined position in a case where the thread cassette has been detached from the cassette mount while electric power is being supplied to the apparatus.
- 4. A sewing apparatus according to claim 1, wherein the threading mechanism includes a moving member provided on the cassette mount, the moving member being thrust by the thread cassette attached to the cassette mount thereby to be moved from an initial position so that the threading mechanism is operated, and the threading mechanism includes a holding unit holding the moving member at a standby position where the threading mechanism is inoperative even when the moving member is thrust by the thread cassette being attached to the cassette mount.
- 5. A sewing apparatus according to claim 4, wherein the holding unit includes a stopper engaging the moving member located at the standby position to hold the moving member at the standby position, an actuator switching between an engagement position where the stopper engages the moving member and a non-engagement position where the stopper is disallowed to engage the moving member, and a control unit controlling the actuator.

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6. A sewing apparatus according to claim 5, wherein the actuator comprises a pulse motor provided in the needle bar vertically moving mechanism for rocking the needle bar, and the

threading limiting unit limits the threading mechanism so that the stopper is located at the non-engagement position when the needle bar is located at the predetermined position and so that the stopper is located at the engagement position when the needle bar is located at a position other than the predetermined position.

- 7. A sewing apparatus according to claim 6, wherein the pulse motor also serves to open and close a thread tension disc applying a tension to the thread drawn from the thread cassette, and the thread tension disc is opened when the needle bar is located at the predetermined position and closed when the needle bar is located at a position other than the predetermined position.
 - 8. A sewing apparatus comprising:

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a needle bar on which a sewing needle is mounted;

a needle bar vertically moving mechanism vertically moving the needle bar;

a thread cassette having a thread accommodating section accommodating a supply of thread;

a cassette mount to which the thread cassette is detachably attached;

a thread carrying mechanism operated in synchronization with attachment of the thread cassette to the cassette mount when the needle bar is stopped at the predetermined position, thereby carrying the thread from the thread cassette to a position near an eye of the needle mounted on the needle bar;

a threading mechanism operated in synchronization with attachment of the thread cassette to the cassette mount when the

needle bar is stopped at the predetermined position, the threading mechanism passing the thread drawn from the thread cassette through the needle eye; and

a limiting unit limiting the threading mechanism and the
thread carrying mechanism so that both the threading mechanism
and the thread carrying mechanism are inoperative in a case where
the thread cassette is attached to the cassette mount when the
apparatus is disconnected from a power supply.